



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION

Applicant(s): IVAN ALFERIEV

Serial No: 10/672,225

Group Art Unit: 1641

Filed: September 26, 2003

Examiner: David J. Venci

Att. Docket No.: T1118/20074

Confirmation No.: 2873

For: METHOD OF DETERMINING SURFACE BINDING CAPACITY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. No copies of U.S. patents or U.S. patent application publications are attached. 37 CFR § 1.98(a)(2)(ii). It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. No representation is made that the reference(s) is/are prior art with respect to this application.

This Information Disclosure Statement is being filed after the period specified in 37 CFR § 1.97(b), but before the mailing date of any of a final action under 37 CFR § 1.113, a Notice of Allowance under 37 CFR § 1.311 or an action that otherwise closes prosecution in the application. Authorization to charge the additional fee under 37 CFR §1.17(p) is granted in the attached Fee Transmittal Form.

Application No. 10/672,225  
IDS dated November 2, 2005

This Information Disclosure Statement is being filed to supplement previously filed Information Disclosure Statements dated January 20, 2004, April 20, 2004, June 3, 2004 and December 29, 2004, and pursuant to the petition under CFR § 1.78(a)(3) to add a claim for priority under U.S.C. § 120.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN,  
COHEN & POKOTILOW, LTD.

November 2, 2005

Please charge or credit our Account  
No. 03-0075 as necessary to effect  
entry and/or ensure consideration of  
this submission.

By *Marina E. Volin*

Marina E. Volin  
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Attorneys for Applicant(s)

Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheet as necessary)



1 of 1

Complete if Known

|                        |               |
|------------------------|---------------|
| Application Number     | 10/672,225    |
| Filing Date            | 09/26/2003    |
| First Named Inventor   | Ivan Alferiev |
| Group Art Unit         | 1641          |
| Examiner Name          |               |
| Attorney Docket Number | T1118/20074   |
| Customer #             | 03000         |
| Confirmation No.       | 2873          |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. | U.S. Patent Document |                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
|--------------------|----------|----------------------|----------------------|---|--|
|                    |          | Number               | Kind Code (if known) |   |  |
|                    |          | 5,132,181            |                      | Wefers et al.                                   | 07-21-1992                                       |
|                    |          | 5,354,554            |                      | Rhind   | 10-11-1994                                       |
|                    |          | 5,439,829            |                      | Anderson et al.                                 | 08-08-1995                                       |
|                    |          | 6,096,018            |                      | Luzio et al.                                    | 08-01-2000                                       |
|                    |          | 09/487,949           |                      | Levy et al.                                     | 01-19-2000                                       |
|                    |          | 6,153,598            |                      | Filler et al.                                   | 11-28-2000                                       |
|                    |          | 6,261,554            |                      | Valerio et al.                                  | 07-17-2001                                       |
|                    |          | 2003/0004564         |                      | Elkins et al.                                   | 01-2003  |
|                    |          | 2004/0029280         |                      | Sosnowski et al.                                | 02-2004  |
|                    |          |                      |                      |   |  |
|                    |          |                      |                      |   |  |
|                    |          |                      |                      |   |  |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. | Foreign Patent Document |          |                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T |
|--------------------|----------|-------------------------|----------|----------------------|---|--|---|
|                    |          | Office                  | Number   | Kind Code (if known) |   |  |   |
|                    |          | WO                      | 97/06195 | A1                   | Santerre  | 02-20-1997                                       |   |
|                    |          | EP                      | 0914835  | A2                   | Alomone Labs Ltd.                               | 05-12-1999                                       |   |
|                    |          | WO                      | 99/62079 | A1                   | Bar-Ilan University                             | 12-02-1999                                       |   |
|                    |          |                         |          |                      |   |  |   |
|                    |          |                         |          |                      |   |  |   |
|                    |          |                         |          |                      |   |  |   |

**OTHER - NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
|--------------------|------|---|---|
|                    | N    | Nishikawa et al. Human Gene Therapy 12:861-870, 2001  |   |
|                    | O    | Romano et al. Stem Cell, 18:19-39, 2000   |   |
|                    |      | Frey et al. Expert Reviews in Molecular Medicine, ISSN 1462-3994, published 8 June 1999, pages 1-24   |   |
|                    |      |   |   |
|                    |      |   |   |
|                    |      |   |   |
|                    |      |   |   |

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

| TOTAL AMOUNT OF PAYMENT | (\$) | 180.00 |
|-------------------------|------|--------|
|-------------------------|------|--------|

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/672,225         |
| Filing Date          | September 26, 2003 |
| First Named Inventor | Ivan Alferiev      |
| Examiner Name        | David J. Venci     |
| Art Unit             | 1641               |
| Attorney Docket No.  | T1118/20074        |

## METHOD OF PAYMENT (check all that apply)

- Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_
- Deposit Account Deposit Account Number: 03-0075 Deposit Account Name: Caesar, Rivise et al.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| <u>Application Type</u> | <u>FILING FEES</u> |                     | <u>SEARCH FEES</u> |                     | <u>EXAMINATION FEES</u> |                     | <u>Fees Paid (\$)</u> |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>         | <u>Small Entity</u> |                       |
| Utility                 | 300                | 150                 | 500                | 250                 | 200                     | 100                 | _____                 |
| Design                  | 200                | 100                 | 100                | 50                  | 130                     | 65                  | _____                 |
| Plant                   | 200                | 100                 | 300                | 150                 | 160                     | 80                  | _____                 |
| Reissue                 | 300                | 150                 | 500                | 250                 | 600                     | 300                 | _____                 |
| Provisional             | 200                | 100                 | 0                  | 0                   | 0                       | 0                   | _____                 |

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| <u>Total Claims</u>  | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Small Entity</u> |
|--|---------------------|-----------------|----------------------|----------------------------------|---------------------|
|  | <u>Fee (\$)</u>     | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |                                  |                     |
| - 20 or HP =   | x                   | =               |                      | 50                               | 25                  |
| HP = highest number of total claims paid for, if greater than 20.      |                     |                 |                      | 200                              | 100                 |
| Indep. Claims  | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |                                  | 360                 |
| - 3 or HP =  | x                   | =               |                      |                                  | 180                 |
| HP = highest number of independent claims paid for, if greater than 3. |                     |                 |                      |                                  |                     |

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|
| - 100 =             | / 50 =              | (round up to a whole number) x                          | =               |                      |

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of an Information Disclosure Statement

180

## SUBMITTED BY

|                   |                        |   |                        |
|-------------------|------------------------|---|------------------------|
| Signature         | <i>Marina E. Volin</i> | Registration No. 52,328<br>(Attorney/Agent) | Telephone 215-567-2010 |
| Name (Print/Type) | Marina E. Volin        |   | Date November 2, 2005  |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.